



## Sanitary Sewer Overflow Annual Report Division of Surface Water

**Date:** 02/14/2019

**Facility Name:** Pataskala WWTP

**Ohio NPDES Permit Number:** 4PB00009\*JD

**Period Covered by Report:** 01/01/2018 - 12/31/2018

**Contact Person**

**Name:** Ryan Brown

**Title:** Utility Treatment Plant Superintendent

**Mailing Address:** 621 W Broad St.1-D

**City:** Pataskala

**State:** OH

**Zip Code:** 43062

**Country:** USA

**Sanitary Sewer Overflows Spreadsheet(attachment) :** AnnualSSOOverflow.xlsm2019.xlsm

**Water In Basement Occurrences Spreadsheet(attachment) :**

**Narrative analysis of WIB patterns by location, frequency and cause:**

**Additional Attachments :** Annual SSO\_5-day\_report Creek Road 6-13-18-signed.pdf, Creek Road LS SSO 6-13-18.docx

### Certification

*I certify under penalty of law that I have personally examined and am familiar with the information in this report and all attachments. Based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the information is true, accurate, and complete.*

**Name:**

Ryan E Brown

**Title:**

Water Superintendent

**Signature(Electronically submitted by):**

Ryan E Brown (User ID: rb21 )

**Submission Date:**

02/14/2019





# Sanitary Sewer Overflow 5-Day Follow Up Report

Division of Surface Water

## Report Submitted By

|                           |  |
|---------------------------|--|
| Date:                     | June 14, 2018  |
| Facility name:            | City of Pataskala Water Reclamation Facility-Shawnee |
| Ohio NPDES permit no.:    | 4PB00009*JD  |
| Period covered by report: | June 13-14, 2018                                     |
| Contact person            |  |
| Name:                     | Nathan W. Coey                                       |
| Title:                    | Utility Director                                     |
| Mailing address:          | 621 W Broad Street, Pataskala Ohio 43062             |
| County:                   | Licking  |
| Telephone:                | (740)927 - 4134                                      |
| Email:                    | ncoey@ci.pataskala.oh.us                             |

## Signature required at end of form

## Overflow Information

|   |   |
|---|---|
| Event start date and time – if multiple locations, include information for each     | Creek Road Lift Station located at 9900 Creek Road, Pataskala Ohio 43062<br>39°59'18.4"N 82°40'15.8"W<br>June 13, 2018<br>The initial SCADA call was made at 6:06 pm that the Creek Road Lift Station lost power.   |
| Event end date and time   | SSO ended June 14, 2018 at 7:15am   |
| Location(s) the SSO – include unique ID number of one exists                        | Creek Road Lift Station located at 9900 Creek Road, Pataskala Ohio 43062<br>39°59'18.4"N 82°40'15.8"W   |
| Destination(s) of overflow  | <input type="checkbox"/> Basement or building <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Storm sewer to receiving water <input checked="" type="checkbox"/> Directly to receiving water  |
| Estimated volume (million gallons) - if multiple locations, include volume for each | Based on SCADA information and flows<br>.25 MGD   |
| Sewer system component(s) from which release occurred                               | <input type="checkbox"/> Manhole <input type="checkbox"/> Constructed overflow <input type="checkbox"/> Pipe crack <input checked="" type="checkbox"/> Pump station<br><input type="checkbox"/> Other (explain)   |
| Cause(s) of overflow  | <input checked="" type="checkbox"/> Extreme weather <input type="checkbox"/> Debris in line <input type="checkbox"/> Other blockages <input type="checkbox"/> Other (explain) <input checked="" type="checkbox"/> Equipment failure <input type="checkbox"/> Roots <input type="checkbox"/> Line deterioration <input checked="" type="checkbox"/> Power failure <input type="checkbox"/> Grease <input type="checkbox"/> Vandalism |

|   |   |
|---|---|
| <b>Steps taken or planned to eliminate and/or reduce the overflow – include schedule of major milestones</b>      | <p>The SSO initially occurred during a storm/rain event on June 13 at 6:06 pm. Based on review (see narrative) a terminal block in the control junction box failed. This caused the control box breaker to trip along with the station main breaker. This prevented the delivery of generator power to the station. This overflow was compounded by the lack of response from the oncall opeator dismissing the call as a power flicker with no follow up.</p> <p>In recent weeks we have secured quotes to address some of the aged compontes of the control system and junction box. Our contractor was on site June 14, 2018 to show again what our needs are with this to prevent future electrical failures.</p> <p>Necessary work should be complete in the following weeks.</p>  |
| <b>Steps taken or planned to prevent reoccurrence of the overflow(s) – include schedule of major milestones</b>   | <p>The storm that caused this initial outage could not have been prevented, however proper response time of the operator could have greatly reduced the overflow if not prevented completely.</p> <p>1. We have a solid response procedure (see narrative) on how operators need to handle these items. The operator in question is currently under disciplinary proceedings regarding this situation as a result of investigation of the matter. Proper response would have prevented this extreme situation.</p> <p>2. With the upgrade of some of the wiring, I feel this station is solid. The wiring work is to clean up the junction box for easier pump switch out and due to the failure we will address the failed terminal block in the junction box. Today's review indicated the pumps are good and the breakers did their job to prevent pump or equipment damage. We have SCADA for this reason to remedy failures like this in a timely manner. The station has a generator that could have been used if the operator went to the site. We also have a portable bypass pump to send the influent to the treatment plant.</p> |
| <b>Steps taken or planned to mitigate the impact(s) of the overflow(s) – include schedule of major milestones</b> | <p>Follow our emergency procedures and continual preventive mainteance at the site.</p>   |
| <b>Additional information (attach additional pages, maps, etc. as needed)</b>                                     | <p>Please see attached narrtive to further document findings.</p>   |

**Certification:**

*I certify that I have personally examined and am familiar with the information in this report and all attachments. I believe that the information is true, accurate, and complete.*

**Name** Nathan W. Coey  
**(typed):** \_\_\_\_\_

**Title:** Utility Director

**Signature:** *Nathan W. Coey*

**Date:** June 14, 2018